

POLYSCIENCES INC -- SILVER NITRATE -- 6810-00-145-0478

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Product Identification  
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Product ID:SILVER NITRATE

MSDS Date:01/20/1983

FSC:6810

NIIN:00-145-0478

MSDS Number: BMPYC

=== Responsible Party ===

Company Name:POLYSCIENCES INC

Address:400 VALLEY ROAD

City:WARRINGTON

State:PA

ZIP:18976

Country:US

Info Phone Num:215-343-6484

Emergency Phone Num:215-343-6484

Preparer's Name:J.V.D.

CAGE:9C

365

=== Contractor Identification ===

Company Name:POLYSCIENCES INC

Address:400 VALLEY RD

Box:City:WARRINGTON

State:PA

ZIP:18976

Country:US

Phone:215-343-6484

CAGE:32939

Company Name:POLYSCIENCES INC

Address:PAUL VALLEY INDUSTRIAL PARK

City:WARRINGTON

State:PA

ZIP:18976

Country:US

Phone:215-313-6484

CAGE:9C365

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Composition/Information on Ingredients  
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Ingred Name:SILVER NITRATE

CAS:7761-88-8

RTECS #:VW4725000

Fraction by Wt: 63.5%

OSHA PEL:0.01 MG/M3

ACGIH TLV:0.01 M

G/M3  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CORROSIVE. CAUSES BURNS TO EYE AND SKIN. MODERATELY TOXIC. AEROSOLS, MISTS OR DUSTS ARE IRRITATING TO MUCOUS MEMBRANES.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:S  
EE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHING, WASH WITH SOAP AND WATER. IF DISCOMFORT PERSISTS, SEE MD. WASH CONTAMINATED CLOTHING BEFO RE REUSE. INHAL: REMOVE FROM FURTHER EXPOSURE. IF DISCOMFORT PERSISTS, SEE MD. INGEST: INDUCE VOMITING BY GIVING TW O GLASSES OF WATER AND STICKING FINGER DOWN THROAT. CALL MD.

===== Fire Fighting Measures =====

Extinguishing Media:MAY USE WATER ON FIRES NEAR SILVER NITRATE.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . AVOID CONTACT WITH SKIN AND EYES.  
Unusual Fire/Explosion Hazard:OXIDIZING MATERIAL. INCREASES FLAMMABILITY OF COMBUSTIBLE, ORGANIC OR OTHER OXIDIZABLE MATERIALS.

===== Accidental Release Measur  
es =====

Spill Release Procedures:COLLECT AND ISOLATE FOR RECOVERY.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:DANGER! POISON! CAUSES SEVERE BURNS. PROTECT FROM PHYSICAL DAMAGE. STORE IN A COOL DRY PLACE.  
Other Precautions:SEPARATE FROM COMBUSTIBLE ORGANIC AND OTHER READILY OXIDIZABLE MATERIALS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:LOCAL EXHAUST RECOMMENDED. MECHANICAL (GENERAL) RECOMMENDED.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEM WORK GOG & FULL LENGTH FSHLD

Other Protective Equipment:NORMAL INDUSTRIAL PROTECTIVE CLOTHING AND SHOES MUST BE WORN. EMER EYEWASH & DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemical Properties =====

HCC:D1

Spec Gravity:4.35

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS AND ODORLESS RHOMBIC CRYSTALS.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALKALIES, ANTIMONY SALTS, HALIDES, ARSENITES, THIOCYANATES, FERROUS SALTS, PHOSPHATES, OIL, HYPOPHOSPHITES.

Stability Condition to Avoid:AVOID LIGHT.

Hazardous Decomposition Products:NOX.

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===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN AN APPROVED HAZARDOUS WASTE FACILITY PER LOCAL, FEDERAL AND STATE REGULATIONS.

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